

Notulae to the Italian native vascular flora: 18

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Academic editor: Lorenzo Peruzzi | Received 4 November 2024 | Accepted 14 November 2024 | Published 19 November 2024

Citation: Bartolucci F, Domina G, Buccomino G, Ciaschetti G, Conti F, Costanza N, De Luca A, Del Guacchio E, Falcinelli F, Forte L, Galasso G, Ganz C, Iamónico D, Lonati M, Marengo G, Mei G, Nota G, Orsenigo S, Pazienza G, Pellegrino G, Pinzani L, Stinca A, Tavilla G, Tilia A, Tomaselli V, Tondi G, Venanzoni R, Lastrucci L (2024) Notulae to the Italian native vascular flora: 18. Italian Botanist 18: 97–108. <https://doi.org/10.3897/italianbotanist.18.140958>

Abstract

In this contribution, new data concerning the distribution of native vascular flora in Italy are presented. It includes new records, confirmations, and exclusions to the Italian administrative regions for taxa in the genera *Alchemilla*, *Carex*, *Chenopodium*, *Cistus*, *Convolvulus*, *Erysimum*, *Euphorbia*, *Festuca*, *Klasea*, *Lotus*, *Orobanche*, *Poa*, *Stellaria*, *Trifolium*, *Viola*. Nomenclatural and distribution updates, published elsewhere, and corrigenda are provided as Suppl. material 1.

Keywords

Endemic taxa, Floristic data, Italy, Nomenclature

How to contribute

The text for the new records, exclusions, and confirmations should be submitted electronically to Lorenzo Lastrucci (lorenzo.lastrucci@unifi.it). The corresponding specimen along with its scan or photograph have to be sent to FI Herbarium: Sezione di Botanica “Filippo Parlatore” del Museo di Storia Naturale, Via G. La Pira 4, 50121 Firenze (Italy). Those texts concerning nomenclatural novelties and typifications (only for accepted names) should be submitted electronically to: Fabrizio Bartolucci (fabrizio.bartolucci@gmail.com). Each text should be within 1,000 characters (spaces included).

Floristic records of native taxa

Alchemilla acutata Buser (Rosaceae)

+ **UMB:** Gualdo Tadino (Perugia) (WGS84: 43.244023°N, 12.822881°E), impluvio in pascolo su M. Serra Santa, versante W-NW; suolo calcareo, 1375 m, 13 July 2022, leg. F. Falcinelli, det. G. Tondi (FI; *Herb. Tondi*). – Species new for the flora of Umbria.
F. Falcinelli, G. Tondi

Alchemilla strigosula Buser (Rosaceae)

+ **UMB:** Monte Pozzoni (Cascia, Perugia) (WGS84: 42.659280°N, 13.162496°E), pascolo di vetta, versante N-NW; suolo calcareo, 1890 m, 22 Jun 2023, leg. F. Falcinelli, det. G. Tondi (FI; *Herb. Tondi*). – Species new for the flora of Umbria.
F. Falcinelli, G. Tondi

***Alchemilla undulata* Buser (Rosaceae)**

+ **UMB**: Monte Pozzoni (Norcia, Perugia) (WGS84: 42.659280°N, 13.162496°E), loc. Valle della Foce, radura in faggeta, versante NE; suolo calcareo, 1480 m, 28 Jun 2022, leg. *F. Falcinelli*, det. *G. Tondi* (FI; *Herb. Tondi*). – Species new for the flora of Umbria.

F. Falcinelli, G. Tondi

***Carex acutiformis* Ehrh. (Cyperaceae)**

+ **PUG**: Otranto (Lecce), Laghi Alimini (WGS84: 40.221778°N, 18.436083°E), Bosco igrofilo a Frassino meridionale, 5 m, 14 May 2024, leg. *N. Costanza*, det. *L. Forte*, *N. Costanza* (FI; BI Nos. 59076, 59077). – Species confirmed for the flora of Puglia.

This species was no longer recorded in Puglia (Bartolucci et al. 2024). It had been indicated for Gargano “*Nelle arene di spiaggia a sud di Vieste (spiaggia del Castello) fino a Torre del Ponte*” by A. Béguinot in 1902, as first record for Puglia (Béguinot 1909), and at Lago di Varano by Fenaroli (1974). At Laghi Alimini it was reported sub *Carex paludosa* Gooden. by Gehu and Biondi (1988), in the same communities where these specimens were found.

L. Forte, N. Costanza

***Chenopodium pedunculare* Bertol. (Chenopodiaceae)**

+ **VDA**: Fénis (Aosta), prato presso il villaggio di Rovarey, Plan Clavalité (WGS84: 45.680187°N, 7.491164°E), 1518 m, 25 September 2021, leg. et det. *C. Ganz*, conf. *D. Iamónico* (AO, FI, RO). – Species new for the flora of Valle D’Aosta.

This species is native to Europe (Iamónico and Mosyakin 2018). Our finding represents the first record for north-western Italy.

D. Iamónico, C. Ganz

***Convolvulus tricolor* L. subsp. *cupanianus* (Tod.) Cavara & Grande (Convolvulaceae)**

0 **CAM**: [Pozzuoli (Naples),] Paneta presso il Monte di Cuma (UTM WGS84: 33T 4522175.61°N, 419892.58°E ± 1000 m), May 1910, *G. Pellanda* (NAP barcode NAP0002868, sub *C. tricolor* Linn.); [Pozzuoli (Naples),] Paneta del Fusaro (4519778.94°N, 419853.38°E ± 1000 m), May 1911, *N. Terracciano* (NAP barcode NAP0002867, sub *C. meonanthus* Hoffm. et Link); [Pozzuoli (Naples),] Cuma (4522175.61°N, 419892.58°E ± 1000 m), 21 May 1910, *G. Pellanda* (PI-GUAD No. 057714, sub *C. tricolor* L.); [Bacoli (Naples),] Miliscola (4515677.90°N, 421950.97°E ± 850 m), 20 May 1913, [*G. Guadagno*] (PI-GUAD No. 057713, sub *C. tricolor* L.). – Species not recently confirmed for the flora of Campania.

E. Del Guacchio, A. De Luca

***Convolvulus tricolor* L. subsp. *meonanthus* (Hoffmanns. & Link) Arcang. (Convolvulaceae)**

– **CAM:** Species to be excluded from the flora of Campania.

Convolvulus tricolor subsp. *meonanthus* and *C. tricolor* subsp. *tricolor* were both indicated for the Campi Flegrei at Monte di Cuma by Terracciano (1917, respectively sub *C. meonanthus* Hoffm. et Link and sub *C. tricolor* Linn.), based on two specimens housed in NAP. Motti and Ricciardi (2005, sub *C. meonanthus* and *C. tricolor*) regarded these records as very doubtful, but they did not cite any of the above-mentioned specimens, which actually are to be referred to *C. tricolor* subsp. *cupanianus*. The same taxon might have been photographed by De Santis (2007) for Castellabate (Cilento, Salerno), but no specimen is available and the population has no longer been found (De Santis, pers. comm.).

E. Del Guacchio, A. De Luca

***Erysimum crassistylum* C.Presl subsp. *verresianum* Peccenini & Polatschek (Brassicaceae)**

+ **PIE:** Mompantero (Torino), Val di Susa, Località Seghino (WGS84: 45.144086°N, 7.066062°E), praterie xeriche mosaicate a boschi di *Quercus pubescens* e arbusteti xerofili a *Prunus spinosa* e *Ligustrum vulgare*, 706 m, 18 May 2024, M. Lonati, G. Marengo (FI). – Subspecies new for the flora of Piemonte.

This subspecies is considered endemic to Valle D'Aosta, where it occurs on the left side of the lower Dora Baltea valley, from Saint Pierre to Bard (Peccenini and Polatschek 2014). The samples collected in Mompantero confirm the extension of the species distribution range also in Piemonte, where it is widespread within the xerothermic grasslands of the Valle di Susa, specifically between the municipalities of Foresto and Giaglione. The record of *E. diffusum* Ehrh. (Braun-Blanquet 1961, sub *E. canescens*) for the same locality reported here is incorrect and should be referred to *E. crassistylum* subsp. *verresianum*.

M. Lonati, G. Marengo

***Euphorbia cyparissias* L. (Euphorbiaceae)**

+ **PUG:** Lesina (Foggia), lungo la Strada Statale 693 presso loc. Masseria Nisi (WGS84: 41.851399°N, 15.384243°E), vegetazione erbacea del bordo stradale, 11 m s.l.m., 30 April 2024, leg. G. Mei, det. G. Mei, A. Stinca (FI, *Herb. G. Mei*). – Species confirmed for the flora of Puglia.

G. Mei, A. Stinca

***Festuca pumila* Chaix (Poaceae)**

+ **LIG:** Triora (Imperia), Rifugio la Terza (WGS84: 44.059476°N, 7.728855°E), praterie rocciose calcaree, 2031 m, 10 August 2024, G. Nota, M. Lonati (FI). – Species new for the flora of Liguria.

In the collection area, this species is widely distributed across the southern-facing Ligurian slope, between Monte Saccarello, the Statua del Redentore, and the Rifugio la Terza, in pastures and calcareous rocky environments. The area falls within the Ligurian Alps Regional Natural Park.

G. Nota, M. Lonati

***Klasea lycopifolia* (Vill.) Á.Löve & D.Löve (Asteraceae)**

– **EMR.** Species to be excluded from the flora of Emilia-Romagna.

The occurrence of this species in Emilia-Romagna is exclusively based on the finding of two individuals in Val Lardana and Valle del Torrente Liscato (Piacenza) by Bracchi et al. (2003): “Cimitero di Cassimoreno e Località Pian del Soppo”. However, no herbarium specimen exists in MNSM or in other herbaria. One of us (SO) visited the localities indicated by Bracchi et al., but only individuals of *Centaurea scabiosa* L. have been found. Considering that Bracchi et al. (2003) stated that one of the two individuals found show a branched stem with 2–5 capitula, and that *K. lycopifolia* is characterized by a stem with a terminal solitary capitulum, we believe that the report for Emilia-Romagna should be considered erroneous. Accordingly, *K. lycopifolia* should be excluded from the regional flora.

S. Orsenigo, F. Bartolucci, F. Conti

***Lotus creticus* L. (Fabaceae)**

+ **LAZ:** Latina (Latina), litorale di Foce Verde (WGS84: 41.408481°N, 12.865087°E), dune costiere in ricostruzione, 3 m, 12 May 2023, leg. G. Buccomino, det. G. Buccomino, A. Tilia (RO); *ibidem*, 19 June 2023 (FI, RO); Latina (Latina), località Capo Portiere, Parco nazionale del Circeo (41.405230°N, 12.873598°E), dune, 3 m, 19 June 2023, leg. G. Buccomino, det. G. Buccomino, A. Tilia (FI, RO); Isola di Ventotene (Latina), 30 May 1967, B. Anzalone (RO ex Herb. Anzalone No. 23566); Santo Stefano (Latina), 25 September 1967, B. Anzalone (RO ex Herb. Anzalone No. 23567); Anzio (Roma), località Lido di Lavinio, 27 March 1967, B. Anzalone (RO ex Herb. Anzalone No. 23568); Isola di Palmarola (Latina), 11 April 1969, B. Anzalone (RO ex Herb. Anzalone No. 23562); Isola di Ventotene (Latina), 2–5 May 1968, B. Anzalone (RO ex Herb. Anzalone No. 23561); Circeo (Latina), 27 May 1954, A. Cacciato (RO ex Herb. Cacciato); Circeo dune di Torre Paola (Latina), 9 April 1963, A. Cacciato (RO ex Herb. Cacciato); Circeo (Latina), litorale presso Torre Paola (Gita S.B.I.), 21 April 1965, B. Anzalone (RO ex Herb. Anzalone). – Species confirmed for the flora of Lazio.

The shape of the calyx, often used to distinguish *Lotus creticus* from *L. cytisoides* L., is not really reliable, whereas the density of the hairs on the leaves is of greater importance together with the size of the rachis: leaves of *L. creticus* are very densely silky-silver and the rachis is $\leq 30\%$ of the basal leaflets (Tison and de Foucault 2014). *Lotus creticus*, so far considered as doubtfully occurring in Lazio (Anzalone et.

al. 2010; Bartolucci et al. 2024), occurs, indeed, along the Pontine coast together with *Ononis variegata* L., *Cakile maritima* Scop. subsp. *maritima*, *Crucianella maritima* L., *Lomelosia rutifolia* (Vahl) Avino & P.Caputo, and *Thinopyrum junceum* (L.) Á.Löve.

G. Buccomino, A. Tilia

***Orobanche rapum-genistae* Thuill. (Orobanchaceae)**

+ **VEN**: Passo Valles (Belluno), (WGS84 46.336548°N, 11.803394°E), scarpata erosa, 2050 m, 18 August 2021, leg. L. Pinzani, det. G. Domina (FI). – Species confirmed for the flora of Veneto.

L. Pinzani, G. Domina

***Poa maroccana* Nannf. (Poaceae)**

+ **CAL**: Monasterace (Reggio Calabria) (WGS84: 38.450920°N, 16.580020°E), lungo il bordo di una strada sterrata, 4 m, 1 June 2023, G. Tavilla, (FI). – Species new for the flora of Calabria.

+ **PUG**: Bari (Bari), aiuola del campus universitario (WGS84: 41.108412°N, 16.883572°E), 12 m, vegetazione sinantropica degli incolti, 16 February 2024, G. Tavilla (FI). – Species new for the flora of Puglia.

G. Tavilla

***Stellaria ruderalis* M.Lepší, P.Lepší, Z.Kaplan & P.Koutecký (Caryophyllaceae)**

+ **LIG**: Quiliano (Savona), Località Burré, al bivio tra SP29 e Via Ronco (WGS84: 44.335401°N, 8.374027°E), margine incolto della strada, 348 m, 10 April 2024, M. Lonati, G. Nota (FI). – Species new for the flora of Liguria.

M. Lonati, G. Nota

***Trifolium michelianum* Savi (Fabaceae)**

+ **ABR**: Collarmele (L'Aquila), San Nicola (WGS84: 42.06020°N, 13.68357°E), prateria inondata, 1060 m, 6 July 2023, G. Ciaschetti (APP No. 72043). – Species new for the flora of Abruzzo.

This species has a northern and western Mediterranean distribution (POWO 2024). It was found in a temporary pond, together with other short-lived marsh plants (e.g., *Mentha pulegium* L. subsp. *pulegium* and *Ranunculus sardous* Crantz).

G. Ciaschetti, R. Venanzoni

***Trifolium striatum* L. subsp. *tenuiflorum* (Ten.) Kožuharov (Fabaceae)**

+ **PUG**: Gravina in Puglia (Bari), Lago d'Olmo - Bosco Comunale Difesa Grande, (WGS84: 40.754979°N, 16.385376°E), prati umidi, 450 m, 10 May 2021, leg.

V. Tomaselli, det. *G. Pellegrino*, *V. Tomaselli*, (FI, BI Nos. 58997). – Subspecies confirmed for the flora of Puglia.

Trifolium striatum subsp. *tenuiflorum* forms a small population in correspondence of a wet meadow on the edge of a temporarily flooded area.

G. Pellegrino, V. Tomaselli

***Viola cassinensis* Strobl subsp. *pseudogracilis* (A.Terracc.) Bartolucci, Galasso & Wagens. (Violaceae)**

+ **PUG**: Bovino (Foggia), Monti Dauni, Località “Confreda”, (WGS84: 41.218257°N, 15.340597°E), prateria xerofila, 756 m s.l.m., 07 March 2023, campione coltivato in Orto Botanico di Bari sino a 28 March 2024, leg. *G. Pazienza*, det. *V. Tomaselli*, *G. Pazienza*, (FI; BI Nos. 58917, 58918, 58919). – Species new for the flora of Puglia.

The finding of this subspecies, previously considered endemic to Molise and Campania (Bartolucci et al. 2018; Perrino et al. 2018), expands its range westwards.

G. Pazienza, V. Tomaselli

Floristic records of regional alien taxa

Cistus albidus L. (Cistaceae)

+ (NAT) **LAZ**: Rome, Monte Mario Natural Reserve, Farnesina hills, path starting from via dei Colli della Farnesina and going towards French cemetery (WGS84: 41.942615°N, 12.455422°E), Mediterranean maquis, siliceous sandy soil, 70 m, 18 June 2005, *D. Iamónico*, *R. Lorenzetti* (FI); *ibidem*, 2 June 2024, *D. Iamónico* (RO). – Status change from casual to naturalized alien for the flora of Lazio.

Cistus albidus was firstly recorded in Lazio (as native) by Iamónico (2006). Later, this species was considered as casual alien for the region (Iamónico and Lorenzetti 2008; Anzalone et al. 2010; Lucchese 2017; Bartolucci et al. 2024). During the last 18 years, I visited the site in the city of Rome many times and verified that the population found in 2005 is able to sustain itself (several seedlings and young plants at different ages and tall were observed).

D. Iamónico

Nomenclatural and distribution updates from other literature sources

Nomenclatural and distribution updates, and corrigenda to Bartolucci et al. (2024) according to Valsecchi (1995), Pierini and Peruzzi (2014), Montanari et al. (2015), Alessandrini et al. (2016); Fridlender (2018), Lucchese (2018), Alterio et al. (2023), Conti

et al. (2023), Zepigi et al. (2023), Ardenghi et al. (2024), Bacchetta et al. (2024), Bogdanović et al. (2024), Croce and Saetta (2024), Davanzo et al. (2024), Denk et al. (2024), El Mokni et al. (2024), Elvebakk and Bjerke (2024), Foelsche (2024), Franzoni et al. (2024), Giacò et al. (2024), Gottschlich et al. (2024), Iamónico (2024), Iamónico et al. (2024), Jesus et al. (2023), Lastrucci et al. (2024a, 2024b), POWO (2024), Rasti et al. (2024), Röser and Tkach (2024), Ruggero et al. (2024), Selvaggi et al. (2024), Şentürk et al. (2024), Tardella et al. (2024), Koopman et al. (2025), are provided in Suppl. material 1.

F. Bartolucci, G. Galasso

Acknowledgements

We gratefully acknowledge the following colleagues who provided distribution, nomenclatural, and taxonomic advice: Alessandro Alessandrini, Enrico Banfi, Lorenzo Peruzzi, Dionisia De Santis, Annalisa Santangelo.

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Supplementary material I

Supplementary data

Authors: Fabrizio Bartolucci, Gabriele Galasso

Data type: pdf

Explanation note: 1. Nomenclatural updates; 2. Note updates; 3. Distribution updates; 4. Synonyms, misapplied or included names.

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Link: <https://doi.org/10.3897/italianbotanist.18.140958.suppl1>